

Sequence Listing N10038PCT ST25.txt  
SEQUENCE LISTING

&lt;110&gt; NOXXON Pharma AG

&lt;120&gt; Ghrelin binding nucleic acids

&lt;130&gt; N 10038 PCT

&lt;160&gt; 125

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 28

&lt;212&gt; PRT

&lt;213&gt; Rattus rattus

&lt;400&gt; 1

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ser | Ser | Phe | Leu | Ser | Pro | Glu | His | Gln | Lys | Ala | Gln | Gln | Arg | Lys |
| 1   |     |     |     | 5   |     |     |     |     | 10  |     |     |     |     | 15  |     |

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Ser | Lys | Lys | Pro | Pro | Ala | Lys | Leu | Gln | Pro | Arg |
|     |     |     | 20  |     |     |     |     | 25  |     |     |     |

&lt;210&gt; 2

&lt;211&gt; 83

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; RNA pool

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (22)..(61)

&lt;223&gt; nucleotide = a, g, c or u

&lt;400&gt; 2

ggagcucaga cuacacucgu gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60

ncacguacca cugucgguuc cac 83

&lt;210&gt; 3

&lt;211&gt; 83

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; RNA pool (reverse complementary strand)

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (23)..(62)

&lt;223&gt; nucleotide = a,g,c or u

&lt;400&gt; 3

guggaaccga cagugguacg ugnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60

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nncacgagug aagucugagc ucc

83

<210> 4  
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<220>  
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<220>  
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<222> (1)..(19)  
<223> T7 promoter

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38

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<220>  
<223> primer

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20

<210> 6  
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<212> DNA  
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<220>  
<223> DNA pool

<220>  
<221> misc\_feature  
<222> (41)..(80)  
<223> nucleotide is a, g, c or t

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102

<210> 7  
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<212> RNA  
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<220>  
<223> Ghrelin-binding nucleic acid

<400> 7

Sequence Listing N10038PCT ST25.txt

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cacguaccac ugucgguucc ac 82

<210> 8  
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<220>  
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cgugugaggc aaauaaaacuu aaguccgaag guaaccaauc cuacacg 47

<210> 9  
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cacguaccac ugucgguucc ac 82

<210> 10  
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<212> RNA  
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<210> 11  
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cacguaccac ugucgguucc ac 82

<210> 12  
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Sequence Listing N10038PCT ST25.txt

<223> Ghrelin-binding nucleic acid

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47

<210> 13

<211> 82

<212> RNA

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<223> Ghrelin-binding nucleic acid

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82

<210> 14

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<211> 82

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cacguaccac ugucgguucc ac

82

<210> 16

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<220>

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47

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<211> 84

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Sequence Listing N10038PCT ST25.txt

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<400> 17  
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 uacacguacc acugucgguu ccac 84

<210> 18  
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<210> 19  
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 <212> RNA  
 <213> Artificial Sequence

<220>  
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 acacguacca cugucgguuc cac 83

<210> 20  
 <211> 48  
 <212> RNA  
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<220>  
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<400> 20  
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<210> 21  
 <211> 85  
 <212> RNA  
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<400> 21  
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<210> 22  
 <211> 50

Sequence Listing N10038PCT ST25.txt

<212> RNA  
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<220>  
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<400> 22  
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<210> 23  
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<220>  
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<400> 23  
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 cuacacguac cacugucggu uccac 85

<210> 24  
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 <212> RNA  
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<400> 24  
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<210> 25  
 <211> 88  
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<400> 25  
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 auccuacacg uaccacuguc gguuccac 88

<210> 26  
 <211> 53  
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<220>  
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<400> 26  
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<210> 27

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<211> 89
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<213> Artificial Sequence

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<400> 27
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<210> 28
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<210> 29
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<400> 29
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caauccuaca cguaccacug ucgguuccac 90

<210> 30
<211> 55
<212> RNA
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<220>
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<400> 30
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<210> 31
<211> 91
<212> RNA
<213> Artificial Sequence

<220>
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<400> 31
ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa aaacguaaau ccgaagguaa 60
ccaauccuac acguaccacu gucgguucca c 91

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<220>
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<210> 33
<211> 94
<212> RNA
<213> Artificial Sequence

<220>
<223> Ghrelin-binding nucleic acid

<400> 33
ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa aaaaaacaua aauccgaagg          60
uaaccaaucc uacacguacc acugucgguu ccac                                     94

<210> 34
<211> 59
<212> RNA
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<400> 34
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<210> 35
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> primer binding sequence

<400> 35
ggagcucaga cuucacucg                                                         19

<210> 36
<211> 20
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<220>
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<400> 36
cguaccacug ucgguuccac                                                         20

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Sequence Listing N10038PCT ST25.txt

<210> 37  
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 cgugugaggc aauaaaacuu aaguccgaag guaaccaauc cuacacg 47  
  
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 ccacguacca cugucgguuc cac 83  
  
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 ccacguacca cugucgguuc cac 83  
  
 <210> 40  
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 ccacguacca cugucgguuc cac 83  
  
 <210> 41  
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Sequence Listing N10038PCT ST25.txt

<400> 41  
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acguaccacu gucgguucca c 81

<210> 42  
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ccacguacca cugucgguuc cac 83

<210> 43  
<211> 82  
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<400> 43  
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cacguaccac ugucgguucc ac 82

<210> 44  
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<400> 44  
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cacguaccac ugucgguucc ac 82

<210> 45  
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<400> 45  
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cacguaccac ugucgguucc ac 82

<210> 46

Sequence Listing N10038PCT ST25.txt

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<220>
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accacguacc acugucgguu ccac 84

<210> 47
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<400> 47
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cguaccacug ucgguuccac 80

<210> 48
<211> 81
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<210> 49
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<400> 49
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Sequence Listing N10038PCT ST25.txt

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<210> 51  
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<210> 52  
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ccacguacca cugucgguuc cac 83

<210> 53  
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<221> misc\_feature  
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Sequence Listing N10038PCT ST25.txt

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accacguacc acugucgguu ccac 84

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<223> 2'-Flouro-modified pyrimidines

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ccacguacca cugucgguuc cac 83

<210> 57

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Sequence Listing N10038PCT ST25.txt

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cacguaccac ugucgguucc ac 82

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cacguaccac ugucgguucc ac 82

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Sequence Listing N10038PCT ST25.txt

<210> 61  
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<210> 64  
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Sequence Listing N10038PCT ST25.txt

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accacguacc acugucgguu ccac                                             84

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Sequence Listing N10038PCT ST25.txt

<223> 2'-Flouro-modified pyrimidines

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acguaccacu gucgguucca c 81

<210> 68

<211> 81

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acguaccacu gucgguucca c 81

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<211> 80

<212> RNA

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<220>

<221> misc\_feature

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cguaccacug ucgguuccac 80

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accacugucg guuccac

77

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